

AIR AND WATER POLLUTION STANDARDS

I. In accordance with the US-USSR Agreement on Cooperation in the Field of Environmental Protection and the Memorandum of the second meeting of the US-USSR Joint Committee, meetings of the US-USSR Joint Working Committee and Harmonization of Air and Water Pollution Standards were held in the United States from July 28 to August 11, 1974. A list of the participants is attached as Appendix 1, and a list of sites and firms visited is attached as Appendix 2.

II. The objective of the work of this Committee is mutually beneficial cooperation toward solution of problems in the development and implementation of standards for control of air and water pollution in both countries. Implicit in this is the desirability of harmonizing the standards of the two countries to the extent possible. In the course of the meetings, the sides discussed the draft work program proposed by the Soviet delegation, and reached agreement on a list of topics for possible future cooperation. This list is attached as Appendix 3.

Air & Water Pollution

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III. Among the forms of cooperation which may be undertaken are the following:

- 1) Exchange of scientific and technical papers, books, reprints of articles, and other information;
- 2) Exchange of visits by specialists;
- 3) Joint symposia;

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- 4) Joint research on topics developed in the course of cooperation;
- 5) Joint testing of equipment, instruments, and materials at sites in each country. The results of this testing shall be freely available in both countries and may be used to further the development of commercial activities between the two countries in the prevention and control of environmental pollution;
- 6) Joint development of harmonized pollution control standards;
- 7) Development of compatible economic analysis methods for use in attainment and justification of environmental protection standards. The American side envisages that this may include exchange of information on the costs of environmental control programs and the damage costs of environmental pollution in terms of health, materials, and esthetics. The Soviet side will give consideration to this matter.

IV. The next meeting of this Joint Working Committee will be held in the Soviet Union in November 1974. The primary goal of the meeting will be the adoption of the joint work program, using as a basis for negotiation the topics listed in Appendix 3 and any other topics which may be mutually agreed by the two sides. Each side will be prepared to discuss in detail a work plan which covers the specific topics outlined in Appendix 3. These topics fall into the

following general areas:

- Ambient Air Quality and Emissions Standards
- Ambient Water Quality and Discharge Standards
- National and Regional Economic Aspects of Environmental Standards
- General requirements for methods of Measuring Environmental Pollutants

Each side will invite the participation of governmental and industrial enterprises on each side as appropriate in preparation for the next meeting of this Joint Working Committee. The U. S. side suggested as possible sites to be visited, the cities of Moscow, Leningrad, Novosibirsk, Tbilisi, Kiev, Tashkent, and any other locations which may be mutually agreed upon by the two sides. The Soviet side will consider these possibilities and will shortly inform the U. S. side concerning the itinerary.

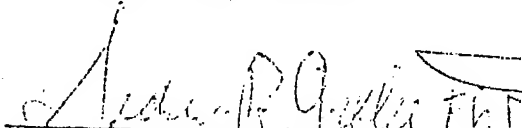
V. This cooperation will be undertaken on the basis of "sending side pays." Due consideration will be given to the possibility of adopting the principle of "receiving side pays" in the future.


VI. The meetings and visits were held in an atmosphere of mutual understanding and friendly cooperation. The Soviet side expressed appreciation for the hospitality accorded and the opportunity provided to familiarize themselves with the activities of government and industry in the field of environmental protection.

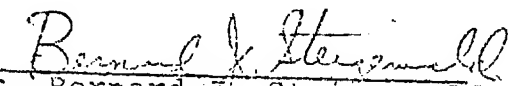
VII. This record was signed in Washington, D. C. on August 9, 1974, in two versions, Russian and English, both texts being equally authentic.

For the U.S. Side:

For the U.S.S.R. Side:


Dr. Sidney R. Galler
Deputy Assistant Secretary
for Environmental Affairs
U.S. Department of Commerce
Co-Chairman, U.S. Delegation


B. V. Fedin
Deputy Director of the
U.S.S.R. All-Union Research
for Standardization
Chairman, U.S.S.R. Delegation


Dr. Bernard J. Steigerwald
Deputy Assistant Administra-
tor for Air Quality Planning
and Standards
U.S. Environmental Protection
Agency
Co-Chairman, U.S. Delegation

APPENDIX 1

Participants in US/USSR Joint Working Committee
Meetings at Washington, D. C.

<u>Name</u>	<u>Organization</u>	<u>Title</u>
<u>U. S. Delegation</u>		
Dr. Sidney R. Galler	Department of Commerce	Chairman, U.S. Delegation, Deputy Assistant Secretary
Mr. Robert B. Grant	Department of Commerce	Office of the Secretary
Dr. George Marinenko	NBS	
Dr. Walter Sadowski	NBS	
Dr. Radford Byerly	NBS	
Dr. Robert Miki	SESA	
Mr. Nels Johnson	NOAA	
Mr. Igor Kozak	Department of State	Interpreter
Mr. Roger Strelow	Environmental Protection Agency (EPA)	Assistant Administrator
Dr. Bernard Steigerwald	EPA	Deputy Assistant Administrator
Mr. Fitzhugh Green	EPA	Associate Administrator
Dr. Herbert Wiser	EPA	Deputy Assistant Administrator
Mr. William A. Brown	US/USSR Environmental Agreement, EPA	Executive Secretary

<u>Name</u>	<u>Organization</u>	<u>Title</u>
Mr. David H. Strother	EPA	International Activities
Mr. Robert Baum	EPA	Deputy Assistant Administrator
Mr. Kenneth Mackenthun	EPA	
Dr. Roger Shull	EPA	
Mr. Donald Walters	EPA	
Mr. Doyle Borchers	EPA	
Mr. Earl Lubensky	Council on Environmental Quality	International Affairs

U.S.S.R. Delegation

Mr. Boris V. Fedin	VNIIS	Chairman, U.S.S.R. Delegation Deputy Director
Mr. Boris V Krutov	GOSSTANDART	Deputy Head, Technical Administration
Mr. Gennadi A. Sorokin	VNIIS	Section Chief
Mrs. Svetlana S. Ruzhitskaya	VNIIS	Section Chief
Mr. Vladimir K. Korobov	VNIIFTRI	Director

Observers

Dr. Frank Clark	American Society for Testing and Materials	President
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<u>Name</u>	<u>Organization</u>	<u>Title</u>
Mr. Richard Curry	Scientific Apparatus Manu- facturers Association	International Affairs

NBS - National Bureau of Standards

SESA - Social and Economic Administration

NOAA - National Oceanic and Atmospheric Administration

VNIIS - All-Union Scientific Research Institute for Standardization

VNIIFTRI - All-Union Scientific Research Institute for Physical,
Technical, and Radiotechnical Measurements

GOSSTANDART - USSR State Committee for Standards

APPENDIX 2

Sites Visited

Council on Environmental Quality	Washington, D. C.
Environmental Protection Agency	Washington, D. C. Denver, Colorado San Francisco, California
National Bureau of Standards, U.S. Department of Commerce	Gaithersburg, Maryland Boulder, Colorado
National Center for Atmospheric Research	Boulder, Colorado
California State Water Resources Control Board	Sacramento, California
Central Valley Water Quality Control Board	Sacramento, California
Varian Associates, Inc.	Palo Alto, California
Beckman Instruments Corp.	Fullerton, California

APPENDIX 3

Topics for Possible Cooperation on Harmonization of Standards for Maximum Allowable Limits of Pollution in the Field of Protection of Water Resources and Atmosphere.

Item No.

Topics

1. Co-ordination of basic methodological documents on standardization in the field of environmental protection.
 - 1.1. Development of joint recommendations on compatible standardization in the field of water and atmospheric protection.
 - 1.2. Development of joint recommendations on the methods for taking account of regional characteristics in the development of environmental protection standards.
 - 1.3. Development of joint recommendations on further development of standardization in the field of environmental protection.
2. Development of principles for classification of sources of water and air pollution and identification of priority objectives for harmonization of standards for reduction of the release of pollutants to the environment.
 - 2.1 Development of joint recommendations on choice of the criteria for classification of pollution sources as to the composition of discharges.

- 2.2. Development of compatible draft standards for classification of water pollution sources as to the composition of discharges.
- 2.3. Development of compatible draft standards for classification of air pollution sources as to the composition of emissions.
- 2.4. Development of joint recommendations on methods for identifying priority objectives for standardization depending on regional peculiarities.
- 2.5. Development of joint draft standards for the selection of water quality criteria.
- 2.6. Development of compatible draft standards for list of pollution indices for control of ambient air quality in populated areas.
3. Development of joint recommendations on identifying the types of norms to be set for addition of pollutants to the environment with allowance for regional peculiarities.
4. Development of mutually acceptable sets of standards providing for the solution to the problem of water conservation and atmospheric protection.
5. Development of compatible draft standards specifying norms for the discharge of harmful substances to environments.
6. Economic basis for the setting of pollution levels in standards.

7. Development of compatible requirements for instrument performance and methods for analysis of addition and presence of pollutants in discharges and in the environment.

7.1 Development of compatible standards on general requirements for:

7.1.1 -- methods of sampling contaminated water for analysis of pollutants present;

7.1.2. -- methods of sampling discharges into atmosphere;

7.1.3. -- instruments used for analysis of pollutants present in discharges by industrial enterprises and transport;

7.1.4. -- measurement of ambient air and water quality.